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# PRICE LIST

No. 35

## FINE SEEDS



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PART I

ROCK GARDEN SEEDS

PART II

MISCELLANEOUS FLOWER SEEDS

PART III

A FEW CHOICE VEGETABLE SEEDS

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**SPECIAL NOTICE:** Unless otherwise stated, prices quoted are price per packet.

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### Explanation of Abbreviations Signs, etc.

I—soil that is light, gravelly, with little humus.

II—soil similar to good garden soil but not containing particles of undecayed manure.

III—soil rich in humus such as the top layer under trees in forests.

Ac—means soil of acid reaction. Al means soil of alkaline reaction, generally due to its lime content. Ne—means neutral reacting soil. Combinations such as IIIac mean soil No. III with an acid reaction such as the top layer under oak or coniferous trees. CS—means common soil. S—means exposure to full sunshine. Sh—means shade, ssh—means partial shade. Months indicate average blooming period. Heights are only approximate. \*Asterik indicates plants of easy culture. PM—means peat moss, the imported German granulated being the best form. Where leaf mold is not available peat moss will do nicely. For general use one-third peat moss, one-third good loam, one-sixth sharp sand and one-sixth gravel or chipped stone will suit nine out of ten rock plants.

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## A FEW WORDS ABOUT RAISING PLANTS FROM SEED.

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Success with plants from seed is largely a matter of applying common sense, a careful study of nature and of the needs of the plants. It would be useless to expect the seeds of acid loving plants to germinate and thrive in a soil that contains lime in its composition or to hope for lime lovers to do well in humus soil that is devoid of the element that is essential to them.

Fortunately the great majority of plants is quite tolerant in this respect, the choicest of our gems, however, are quite particular.

Another point that must be considered is the texture of the soil in which to sow your seeds. It should not be so sticky and claylike to cripple the young seedling when pushing thru, if push thru it can at all, nor so sandy and light as to dry out easily at a time when the seed needs sufficient moisture to germinate. A third factor is light,—enough but not too much. The question is how can we adjust all this.

My experience has been that a simple cold frame and individual pots or seed pans are the best where a great many varieties are to be raised in small quantities of each kind. Seeds do not all germinate at the same time and it is a great convenience to be able to take out the pot with seedlings big enough to be transplanted while the seeds in another pot are still fast asleep. Four inch pots will be just about right for the amateur gardner, they are about  $4\frac{1}{2}$  in outside diameter, and by allowing 5 inches each way and multiplying by the number of varieties to be raised, the dimensions of the frame can easily be calculated. A little frame 15 x 20 inches inside measure will hold a Dozen pots, while the regulation 3 x 6 foot frame will conveniently hold 72 pots. The frame should be tight and preferably made of cypress and painted. Small frames need only a pane of glass for a cover, larger ones a regular sash. If the frames can be placed under a tree giving light shade and allow the sun to shine into the frame during the earliest morning hours no further provision for shade need be made, otherwise a screen should be constructed from common builders lath, spacing the strips of lath their own width apart. This screen is placed on top of the sash when the sun shines brightly but is removed on dull days. The soil in the frame is dug out to a depth of 18 inches reckoned from the top edge, the bottom well loosened and covered with a six inch layer of cinders or fairly coarse gravel. On this is placed a two inch layer of granulated Peat moss or chopped sphagnum moss and on top of this six inches of sifted soil made fairly light with a little sand and preferably mixed with about one-third of its bulk of sifted peat moss. All these materials should be moist but not wet. Into the top layer we sink the pots after they have been planted, by using a trowel and pushing the pot down until it is about one-half inch from the surface of the soil. This precaution keeps the pots cool and moist but assures perfect drainage.



Before sowing the seeds study their soil requirements as to composition and texture. Soak the pots in a pail of water over night, wash thoroughly, and allow to dry superficially. Cover hole with a piece of broken pot or a pebble. On this put an inch of fine gravel and then a thin layer of sifted peat moss or sifted sphagnum moss, just enough to prevent the soil from washing through the gravel. Next put in the finely sifted soil mixture firm lightly and allow about one-half inch of space at the top. Upon this scatter the seeds thinly, being sure to have some space between every seed and its neighbor. Very fine seed need only be lightly pressed into the surface with some flat object while larger ones should be covered to a depth of their own diameter. The pots are now put into a pail or large pan and the latter filled with water to height just a little below the level of the soil in the pots. Soon water will be absorbed and when the surface seems to have become wet remove the pots and allow to drain for half an hour or so in a sheltered place. Now sink them into the soil in the frame. This can be facilitated by first sinking empty pots of the same size into the soil, removing these carefully by a twisting motion and then dropping the planted pot into the hole. Never water with a watering can, except after the seedlings are of good size. With the same twisting motion remove the pots from the frame put into pail of water as directed above and then replace in frame. This form of watering also helps to prevent damping off. From now on it will be necessary to watch closely that the pots are always moist but never wet. Raise the back of the sash a little for ventilation but never enough to let the pots dry out. Regulate the amount of light by means of your lath screen, allow enough to prevent mould and fungous growth but not so much as to burn up the delicate seedlings.

- ABRONIA UMBELLATA,—Fine rockery annual. Pink, trailer, S, Dr, I-II, summer. .25
- ACAENA, — valuable foliage plants, low, spreading creepers. Good bulb covers, fine for walks, the flowers are inconspicuous. II-III, ssh, Dr. .35
- A. glauca,—bluish green foliage .35
- A. Buchanani,— bluish green foliage .35
- A. microphylla,—reddish brown foliage .35
- A. Novae Zelandiae,—has very interesting little red seed burrs, with silken sheen. .35
- ACANTHOLIMON,—A group that is not for the inexperienced amateur. Forms beautiful large cushions of spiny grasslike foliage, topped by many, usually pink, flowers on short stems. Very sunny, rocky fissures, I-II, Dr, lime, X. Never wet the foliage, protect in winter.
- A. armenum,—low, pink, July-August .50
- A. graminifolium,—pale pink, July, August. .50
- A. venustum,—pink, July-September, the best. .50
- ACANTHUS,—Valuable foliage plants for the larger Rockery or for background. Sun, Lime, Soil I-IIal, winter protection.
- A. Lusitanicus,—pink, summer, 2-3 feet. .25
- A. mollis,—white, lilac or rose, 2-3 ft. summ. .25
- A. mollis latifolius,—like preceding but with very ornamental broad leaves. .25
- ACHILLEA,—Typical rock plants, all want a very sunny position, perfect drainage, soil I-IIal except A. moschata which likes a cooler position, soil II or IIIac. The chief value of the achilleas is in their foliage, which is silver grey in those marked "Sg."\*
- A. ageratifolia,—white, 4 in., June-July, "Sg". .25
- A. Clavennae,—white, 4 in., May-June, "Sg" .25
- A. macedonica,—white, 8 in., May-June, "Sg" .35
- A. millefolium, fl. rubro, rose, 12-18 in., summer blooming, very fine strain .25
- A. moschata,—white, 4 in., May-July. .35
- A. nana,—low, white, June. .35
- \*A. Ptarmica,—"The Pearl," white, 18 in., summer, very fine, spreading, ssh. .35
- A. serbica,—white, 4 in., May-June. .35
- A. tomentosa,—yellow, 6 in., June-Nov. .25
- ACONITUM,—Monkshood. The Aconites are fine for position in semishade, where they can be given a cool porous soil rich in humus such as places in woods or among shrubbery. Protect from strong winds and transplant when young. Seeds usually germinate slowly.
- A. anthora,—yellow, 24 in., June. .25
- A. Fischeri,—dp. blue, 20 in., July .35
- A. Lycoctonum,—light yellow, 32 in., Jul.-Oct. .25
- A. Napellus,—dp. blue, 32 in., June-Nov. .25
- A. Napellus roseus,—rose, 33 in., June-Nov. .35
- A. tauricum,—dp. blue, 24 in., July-Nov. .25
- A. Wilsoni,—dp. blue, very tall, late summer. .40
- ADENOPHORA POTANINI,—lilac blue, 24 in., June-Nov., protect fr. strong winds, III. .35

- ADONIS,—beautiful early flowering plants delicately cut ornamental foliage topped by large bright yellow flowers with silken sheen. Fine company for early bulbous plants. S-Ssh, II-III.
- A. pyrenaica*,—yellow, 8 in., May-June, X .35
- A. vernalis*,—yellow, 6-8 in., Mar., April, X .25
- AETHIONEMA,—A genus belonging in every rockgarden. Extremely hardy if given shelter from tearing drying winds. All S-Dr-I II-Li-\* Pro.
- A. armenum*,—pink, 3-4 in., spring .35
- A. coridifolium*,—rose, 4-12 in., May .35
- A. grandiflorum*,—rose, 10 in. May to July .35
- A. iberideum*,—white, 4 in., June-November .35
- A. persicum*,—rose, 8 in., May-July .35
- A. pulchellum*,—pink, 6 in., April-May .35
- A. schistosum*,—light rose, 6 in., Apr.-May .35
- AGROSTEMMA,—(Lychnis)—plants with generally nice woolley grey foliage and showy flowers, for back ground or the larger rockery. Dr-S-CS-\*
- A. coronaria*,—carmine, 18-24 in., summer .25
- A. cor. alba*,—white form of the above .25
- A. Flos Jovis*,—red, rose, 18 in., June .25
- ALCHEMILLA ALPINA,—nice foliage, ssh, II-IIIac .35
- ALLIUM,—bulbous plants, useful to add color to low cushions or carpets of other plants among whom they should be planted. Dr-S-I-II.
- A. cyaneum*,—deep blue, 12 in., May-June-Aug. .30
- A. Huteri*,—purple, 6 in., May to August .30
- A. karatawiense*, white and red, 5 in., May-Aug. .30
- A. Moly*,—yellow, 10-12 in., May-August .30
- A. narcissiflorum*,—purple, 6 in., May-Aug. .30
- A. pulchellum*,—lilac, 12 in., May-Aug. .30
- ALSINE, bright green more or less dense cushions or carpets of fine usually needle-shaped foliage flowing over and between the rocks and covered with innumerable small white starlike flowers in early summer. All want S-Dr-soil II.
- A. grandiflora*,—white, 5 in., June-November .30
- A. juniperifolia*,—white, 6 in., June .30
- A. liniflora*,—white 6 in., June .30
- A. pinifolia*,—white, 6 in., July .30
- A. Rosani*, white, 3 in., June .30
- A. verna*,—white, 3 in., June-November .30
- ALYSSUM, — Rock plants par excellence. Hardy, easily suited, easily raised from seed if their few wants are provided for. It should be remembered that they are at home on rocky, dry sunbaked slopes and that the seedlings are more apt to damp off if kept too moist than those of bog or forest plants. S-Dr-Li-I-II-\*
- A. alpestre*,—yellow, 3 in., May-July .35
- A. amanum*, yellow, 4 in., April-May .35
- A. argenteum*,—yellow, 12 in., May-November .25
- A. atlanticum*,—yellow, 2 in., April-June .30
- A. diffusum*,—yellow, 2 in., April-June .30
- A. Mollendorffianum*,—yellow, 2 in., June-Oct. .35
- A. montanum*, yellow, 3 in., June-Nov. .30
- A. pyrenaicum*,—white, 3 in., July .35



## ALYSSUM (Continued)

<i>A. repens</i> ,—yellow, 4 in., June.....	.35
<i>A. rostratum</i> ,—yellow, 10 in., June-July.....	.25
<i>A. saxatile citrinum</i> , lem. yell., 10 in., Apr.....	.35
<i>A. saxatile compactum</i> ,—gold yell., 10 in. Apr.....	.15
<i>A. saxatile sulphureum</i> , sulph. yell., 10 in., Apr.....	.35
<i>A. serpyllifolium</i> ,—yellow, 3 in., May-July.....	.25
<i>A. spinosum</i> ,—white, 6 in., June-November.....	.50
<i>A. spinosum roseum</i> ,—rose, 6 in., June-Nov.....	.75
<i>A. Wulfenianum</i> ,—yellow, 3 in., May.....	.35

<b>ANCHUSA MYOSOTIDIFLORA</b> ,—Azure blue, 12 in., May, sh-ssh, III, fine foliage.....	.35
<i>A. Barrelieri</i> , blue, 24 in., May.....	.25

**ANDROSACE**, — Aristocrats of the alpine peaks. Not an easy group, but worth any effort and time one can expend upon them. Do not attempt to grow these until you have studied their requirements and are able to meet them.

<i>A. Arachnoidca</i> ,—white, 2 in., May.....	.50
<i>A. Brigantiaca</i> ,—pale pink, 5 in., May-April.....	.50
<i>A. Chamaejasme</i> ,—white and pink, 2 in., May.....	.50
<i>A. Coronopifolia</i> ,—Easy and good. Though a biennial, it will remain permanent in your garden as it selfsows freely. Flowers white, 6 inches high, midsummer. I-II al or Ne. Sun.....	.25
<i>A. Hausmanni</i> , rose 1½ in., April-May.....	.50
<i>A. Helvetica</i> , white, 2 in., May.....	.50
<i>A. Lactea</i> ,—white, 6 in., April.....	.50
<i>A. lanuginosa Leichtlinii</i> ,—rose, low, June-Nov.....	.50
<i>A. lanuginosa oculata</i> ,—lilac, 2-3 in., summer.....	.50
<i>A. primuloides</i> ,—lilac, 4 in., August.....	.50
<i>A. sarmentosa</i> ,—lilac, 6 in., May-August.....	.50
<i>A. sempervivoides</i> ,—lilac, 4 in., July-Nov.....	.50
<i>A. villosa</i> ,—pink and white, 2 in., April.....	.50
<i>A. Yunnanesis</i> ,—delicate pink, rosettes, low.....	.50

**ANEMONE**, — Windflower. The Anemones listed below are divided into two groups. The first group marked "W" are woodland plants, they want a cool deep woodsoil, light to heavy shade, while the second group marked "A" includes the more alpine kinds, they want a deep cool light and spongy soil and semishade. X.

<i>A. Alpina</i> ,—bluish white or white, 12-18 in., April, group "A".....	.30
<i>A. Alpina x sulphurca</i> , yellow, like preceding.....	.35
<i>A. baldensis</i> ,—milky white, 6 in., May-June, "W". lime, soil II-III.....	.45
<i>A. blanda</i> ,—delicate blue, 4 in., Mar-Apr., "W".....	.35
<i>A. Halleri</i> ,—lilac, 8 in., April, "A".....	.30
<i>A. Hepatica</i> ,—see <i>Hepatica Triloba</i>	
<i>A. narcissiflora</i> ( <i>Pedemontana</i> ),—pale pink or white, 12 in., April-May, "W".....	.30
<i>A. nemorosa</i> ,—pinkish, 6 in., Mar-April, "W".....	.35
<i>A. patens</i> ,—lilac, 8 in., April, "A".....	.35
<i>A. Pulsatilla</i> ,—purple, 9 in., Mar-Apr., "A".....	.25
<i>A. Pulsatilla alba</i> ,—like preceding but white.....	.35

## ANEMONE,—(Continued)

- A. sylvestris, — white, 12 in., June-Nov., "W" .35  
A. vernalis,—opal, 4 in., March, "A" .35

ANTHERICUM,—“Paradisea,” beautiful lily-like plants, all want S, I-II, cool, moist, X.

- A. Liliago, — 10-12 in., June-July, white .25  
A. Liliastrum,—white, 12-18 in., June-July .25  
A. ramosum,—Rock Lily, similar .35

ANTHYLLIS, — Pretty little shrublets with pealike flowerheads. They all want S, I-II, Dr.

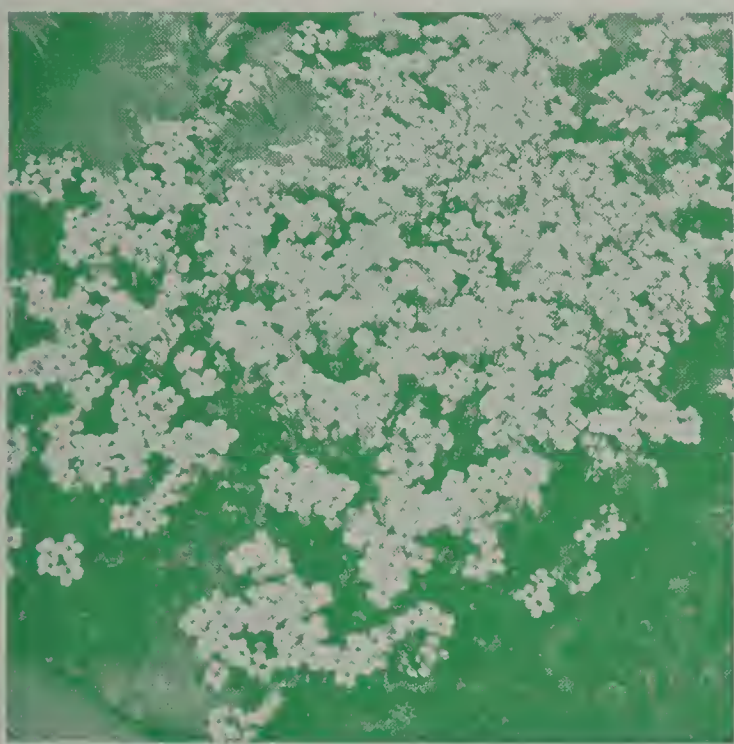
- A. Montana,—rose to carmine, 4 in., June-July .35  
A. Webbiana,— rose, 6-8 in., June-July .35

ANTIRRHINUM, — Snapdragon, the varieties listed below are treasures for the Rock-garden. They want very sunny exposure, rocky fissures, I-II.

- A. asarina,—yellow, 3 in., Apr.-Oct., creeper .25  
A. glutinosum,—yellow, 6 in., May-Oct. .30  
A. sempervirens,—cream, 10 in., June-August .30

AQUILEGIA, — Columbine,—a gift from heaven. Graceful, beautiful, exquisite, modest. The columbines want a cool, moist but not wet woodssoil mixed with gravel and a position among shrubbery or under trees where light shade and protection from strong winds can be given. They will endure full sunshine however if the soil is kept cool and moist. If they are allowed to go to seed, they will not last more than a season or two.

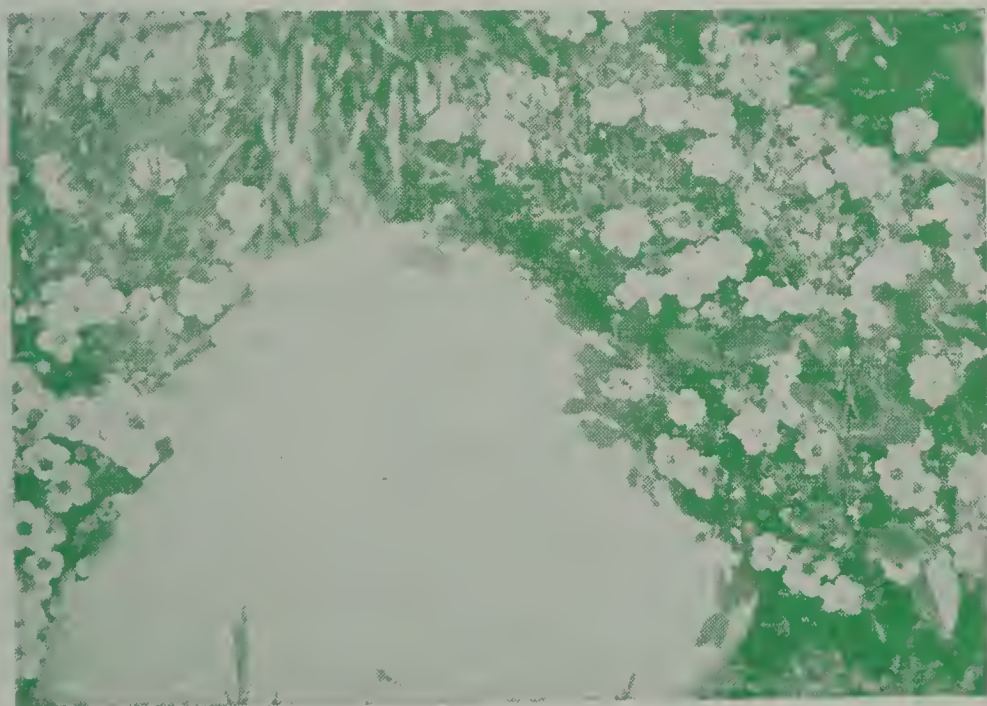
- A. Alpina,—azure blue, 10 in., May .35  
A. Alpina atrocoerulea,—deep purple, 12-18 in., May-June .25  
A. Californica hybrida, — garden varieties, mixed colors, beautiful, 20 in., May .25  
A. Canadensis,— red, orange, 10 in., May .25  
A. Canadensis nana, dwarfer than preceding .35  
A. chrysantha,—yellow, 24 in., June .25  
A. Coerulea,—our own incomparable aristocrat from the mountains of Colorado, second to none in grace and beauty of color. Flowers are exceptionally large, outer petals and spurs blue, cup white, anthers golden. May to June, 18 to 24 inches high .25  
A. coerulea cuprea,— garden variety, coppery red, fine, May-June, 18-24 in. .45  
A. coerulea hybrida,—see A. Haylodgensis,  
A. flabellata nana,—white, 6 in., Apr.-May .30  
A. glandulosa,—blue and white, June, 16 in. .35  
A. Haylodgensis,—beautiful garden hybrids all colors, long spurred, May-June, 12-24 in. .25  
A. olympica,—blue and white, 10 in., May .30  
A. pyrenaica,—blue, 8 in., May-June .35  
A. vulgaris,—mixed single and double .20  
A. vulgaris nivea,—white, 12 in., Apr-May .25



### ARABIS ALPINA

ARABIS,—Rock or Wall Cress. Typical Rock garden plants or alpines. Hardy and reliable. They want a very sunny position, perfect drainage, soil I-II, lime or Ne.\*

A. Alpina,—white, 8-12 in., Mar-April.....	.15
A. albidā, white, 8-10 in., Mar. April.....	.25
A. alpina rosea,—pink, 6-10 in., April.....	.35
A. arenosa,—pink, 8 in., April-May.....	.35
A. aubrietoides,—pink, 8 in., April-May.....	.50
A. bellidifolia,—white, 8 in., May.....	.30
A. Billardieri,—pink, 4 in., April.....	.50
A. coerulea,—lilac, 3 in., April, (cool) .....	.35
A. Halleri,—light lilac, 8 in., April.....	.35
A. ovirensis,—pale pink, 8 in., April.....	.35
A. procurrens,—lilac, 4 in., April.....	.35
A. pumila,—white, 4 in. May.....	.35
A. rosea,—(bienniel?), rose, 6 in., April.....	.35
A. Suendermanni,—white, very dwarf, May.....	.35
A. vochinensis,—8 in., white, April.....	.30



### ARENARIA MONTANA

see following page



ARENARIA,—Dense bright green carpets of fine foliage covered with innumerable small white starry flowers.

A. armeriastrum,—2 in., July, S, Dr., I.....	.50
A. balearica,—1 in., June-Oct., S, Dr, I-II.....	.35
A. gracilis,—6 in., June, S, Dr., II.....	.30
A. grandiflora,—4 in., June-Nov., S, Dr., II.....	.50
A. Kotschyana,—2 in., June-July, ssh, Dr, II.....	.50
A. laricifolia,—8 in., July,—S, Dr., I-II.....	.35
A. montana,—the largest flowering and easiest of all. S-ssh, I-II-III, CS, 6 in., summer.....	.25
A. pinifolia, 6 in., July, S, Dr., I-II.....	.35
A. purpurascens,—rosy,—4 in., June, S, Dr, II.....	.35
A. tetraquetra,—2 in., May-July,—S, Dr., I hot .....	.35

ARMERIA,—very good rock plants,—they like sandy humus soil, a dry warm position, perfect drainage and sun. The leaves are grasslike and the flower heads, usually pink, red or white are born on slender naked stems.

A. alpina,—carmine-rose, 8-10 in., June-July.....	.30
A. caespitosa,—rose,—2 in., April-May .....	.35
A. cephalotes,—rose, 10 in., June .....	.20
A. formosa hybrida,—pink shades, 15 in., July..	.15
A. juncea (setacea),—rose, 4 in., April-May.....	.35
A. Lauchiana,—brilliant rose, 8 in., summer...	.25
A. maritima (vulgaris)—6 in., rose, summer.....	.30
A. Six Hills,—similar to Lauchiana, dwarf.....	.35
Arnica montana,—yellow, 10-20 in., June to July, PM, II-IIIac, abhors lime.....	.25

ARTEMISIA,—Wormwood, Good Rock plants valued chiefly for their fine foliage. All want a very sunny location and gritty, rocky soil.

A. absinthium,—silver white foliage, 32 in.....	.25
A. Baumgarteni,—silver white foliage, 8 in.....	.35
A. Frigida,—silvery white foliage, 10 in.....	.35
A. glacialis,—silvery white foliage, 8 in.....	.35
A. granatensis (nevadensis) silvery white foliage. Only 6 inches high.....	.35
A. laxa, (Mutellini) silver white fol.....	.30

ASPERULA,—Woodruff. Fine foliage, numerous small flowers. S-ssh, II-III, X.

A. cynanchica,—light rose, 8 in., May-Nov.....	.30
A. hexaphylla,—white, 12 in. June.....	.20
A. odorata,—white, 8 in., April-May.....	.20

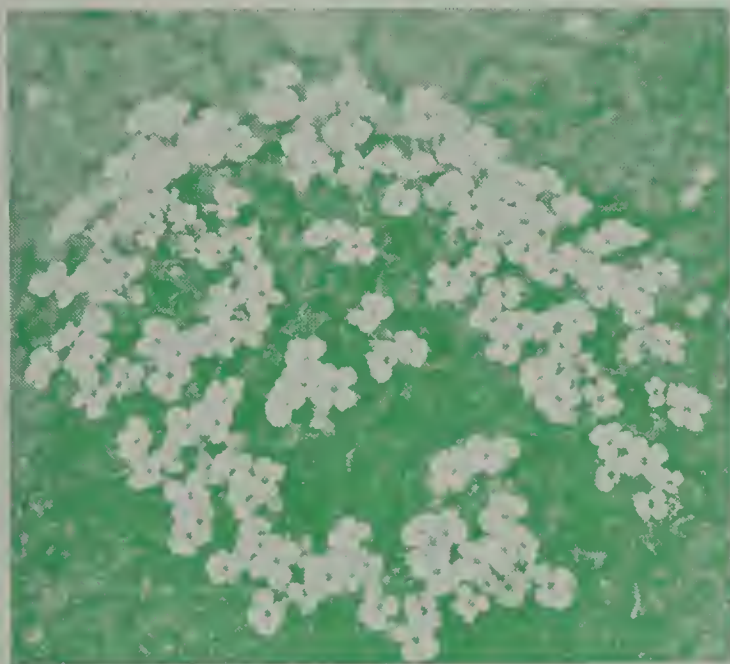
ASTER,—offers many good rock plants.

A. alpinus,—lilac blue with yellow center disc. 10 in., May to July, I-IIIal, S, Dr.....	.25
A. alpinus albus, like preceding but white.....	.30
A. alpinus superbus, larger than alpinus.....	.35
A. alpinus, mixed varieties, beautiful.....	.25
A. amellus,—purple and yellow, 16 in., July-October, II-III, al, Dr, s-ssh.....	.30
A. diplostaphioides,—see A. subcoeruleus.	
A. Farreri,—deep purple, 12-16 in., July, II-IIIal, Dr., S-ssh .....	.35
A. Fremonti,—light rose, 8-15 in., July.....	.35
A. pyrenaicus,—delicate pale lilac, 12-20 in., July, II-III, S-ssh, Dr .....	.30



## ASTER, (continued)

- A. subcoeruleus,-deep lilac, yellow disc. 8 in.,  
May-Nov., CS, II-III, Sun ..... .25
- A. Yunnanensis,—clear blue, 12 in., June, CS,  
slightly alk., Sun, Dr. .... .35



## AUBRIETIA EYREI

AUBRIETIA,-Absolutely indispensable in the Rockgarden. Easy, hardy, durable, beautiful—all of them. All want well drained gritty soil somewhat alkaline, full sun, they abhor excess of water.

- A. deltoidea,- bright purple, 2 to 4 in., March to June and later ..... .25
- A. Eyrei,-light violet, 3 in., Mar-June..... .25
- A. graeca,-pale lilas, 4 in., Mar-June..... .25
- A. Hybrida,-mixed, March to June, 4 in., fine... .15
- A. Hybrida grandiflora, larger flowered ..... .25
- A. Leichtlinii, - carmine - rose, large flowered, spring, magnificent ..... .40

BELLIS ROTUNDIFOLIA COERULESCENS,—  
Summer pale blue, Sun, CS neut. not too dry, 4 in. .... .35

BELLIUM MINUTUM — very low miniature daisies. Oct.-Nov. II-III, warm, S-Ssh, moist .35

BETONICA GRANDIFLORA,-purple, 16 in., July to Nov., S-Ssh., II-III, rather dry .... .35

CALAMINTHA ALPINA,—typical alpine, very low purplish, 3-8 in., Summer, Sun, I-II .... .25

CAMPANULA,—This group of plants offers many valuable rockery subjects. We list the best.

- C. barbata,-light blue, 10 in., May to June, Sun-Ssh, CS, Dr. .... .35
- C. carpathica,-old rockgarden standby. Blue, 8-10 in., June-Oct., CSal, Dr., Sun..... .25
- C. carpathica alba, like preceding but white..... .25
- C. garganica,-lilac blue, 3-4 in., June-July, II, S-Ssh, lightly alk. .... .25
- C. Portenschlagiana or Muralis,-purple, 4 in., June-Nov., CSalk., S-Ssh, excellent ..... .40
- C. persicifolia, "Thelham Beauty," delicate lavender, 12-15 in., CS, Dr. S-Ssh, fine ..... .25

C. pusilla,-a cheerful little thing, lilac blue, 4 in., June-Nov., CS, Dr. not too dry, Sun.....	.35
C. pusilla alba, the white form of the above.....	.35
C. rotundifolia,-the dainty European Blue Bell, II gravelly, Ssh, lilac, 8 in., June-Oct.....	.25
C. Saxifraga,-bright violet, 4 in., May, for rocky fissures, S. Dr., I, gravelly, dainty ..	.40
C. Tommassiniana,-pale blue, 4-8 in., July to August, Soil II, Rocky fissures, S-ssh, fine.....	.40
C. Turbinata,-purple, 10 in., July, Sun, CSneut or alk., I-II, gravelly .....	.35
C. Turbinata alba,-white form of above.....	.35
C. Waldsteiniana,-lilac blue, 6 in., July, a delicate subject for rocky fissures, soil 1-3 sand, 1-3 good garden loam, 1-6 peat moss or leaf mold and 1-6 crushed stone or chips. Light shade, perfect drainage .....	.50
CATANANCHE COERULEA,—lilac, 10-15 in., May to October, CS neut., Sun, Dr. protection .....	.25
C. bicolor, like above but blue and white.....	.25
CENTAUREA MONTANA,—dark blue, 12 in., May-Nov., I-II, S, Dr, dry rockeries .....	.20
CERASTIUM,—The cerastiums are valuable plants for the Rockery. They demand little in the way of culture but must be kept away from small choice plants. Sun, Dr, II-III neut.	
C. Biebersteini,-silvery-white wooly foliage flowers white, May-June, 8 in., II-III, Sun.....	.25
C. Columnae,-white, 8 in., June-July, silvery foliage, I-II-III, S., Dr., compact.....	.35
C. tomentosum,—White, 6-8 in., July, silvery white foliage, Sun, Dr., I-II-III .....	.35
Cheiranthus Allioni,-Bienniel, easy. Bright orange, 12 in., II-III, S., Dr., May-Aug.....	.25
Chelone,-see Pentstemon.	
Cortusa Matthioli,-Carmine-red, 6-8 in., May-June, cool half shady, II-III, X.....	.35
Corydalis cheilanthifolia,-yellow, 10 in., April-October, ssh, II-III, cool .....	.35
C. lutea,-bright yellow, 8 in., April to Nov. S-ssh, cool II-III, dry in winter.....	.35
C. ochroleuca,-cream colored flowers, 12 in., all summer, culture like preceding .....	.35
CRUCIANELA STYLOSA, -Flesh - rose, prostrate, creeping, May-Nov., S-ssh, I-II-III.....	.25
CYCLAMEN, — This genus wants cool, well drained rich humus soil, not wet, semi-shade and protection in winter.	
C. Coum,-pink or white, 3-4 in., very early, February-March .....	.40
C. europaeum,-bright pink, July to Nov., 4-5 inches .....	.40
C. neapolitanum, (hederaefolium),-rose, 6 in., Sept. Nov. ....	.40
DELPHINIUM,—The delphiniums are of easy culture. As a class, they like a good garden soil containing lime, perfect drainage and sun.	
D. alpinum,-blue, 30-39 in., June .....	
D. cardinale,-scarlet red, 16 in., August .....	.40

D. cashmirianum,-violet, 12 in., July.....	.60
D. chinense pumilum coeruleum, blue, 20 in., July-Nov. ....	.25
D. chinense pumilum album, like above, white	.25
D. Chin. pum. violaceum, like above but violet	.35
D. elatum,-blue, 39 in., June .....	.40
D. nudicaule,-scarlet red, 12 in., July.....	.40
D. tatsinense,-sky blue, 10 in., July .....	.40

DIANTHUS,—This group of plants furnishes us with some of the very finest Rockplants. All are quite easy to grow, are hardy and lovely. All of them thrive in Soil I-II or III provided the exposure is sunny and drainage perfect. They like plenty of grit mixed in the soil and with the exception of D. glacialis prefer lime in their diet.

D. alpestris, pink, 8-12 in., summer.....	.35
D. alpinus,-pink or red, May, 3 in.....	.35
Dianthus alpinus albus, white formn.....	.50
D. arenarius,-white, 4 in., June-Oct.....	.35
D. barbatus nanus, mixed, 8-12 in., summer...	.25
D. brevicaulis,-carmine, 6 in., July.....	.35
D. caesius grandiflorus,-rose, 6-8 in., summer...	.25
D. callizonus,-carmine, 2 in., June, choice.....	.50
D. cruentus,-bright red, 16 in., June .....	.25
D. deltoides splendens,-brilliant dark red, one of the indispensables, 4-8 in., summer.....	.25
D. glacialis,-pink, 3-4 in., May, "no lime".....	.40
D. graniticus,-pink, 6-8 in., July.....	.30
D. microlepis,-bright pink, 2 in., June.....	.50
D. monspessulanus,-lilac, 10 in., Jul.-Oct. ....	.35
D. neglectus,-bright carmine 2-4 in., June.....	.40
D. nitidus,-bright pink, 3-4 in., June.....	.50
D. plumarius nanus,-rose shades, 8 in., sum...	.25
D. sylvestris,-bright rose, 6 in., May-Oct.....	.35

DIGITALIS,—Taller plants requiring ordinary garden treatment, beautiful and useful for background and for larger rockeries.

D. ferruginea,-brownish yellow, 30 in., Aug.....	.25
D. grandiflora,-pale yellow, 30 in., May-Nov...	.25
D. gloxiniaeflora,-mixed beautiful shades, ex- ceptionally fine for rockery and border.....	.25

DRABA,—Dwarf plants typically alpine in character, Sun, Dr., Soil I, Rocky fissures.

D. aizoides,-yellow, very dwarf, March .....	.35
D. bruniaefolia see D. olympica.	
D. repens,-low creeper, yellow, April .....	.40
D. olympica,-bright yellow, 4 in., April.....	.40

DRYAS.—Plants of the highest alpine peaks. Sun, Lime containing soil I-II, Dr.

D. octopetala,-white and gold, 4 in., May-Oct....	.50
D. Suendermanni,-beautiful hybrid, 2-4 in.....	.50

ERIGERON,—Asterlike, ordinary garden treatment. They like a sunny exposure, CS I-II, Dr.

E. Coulteri,-violet, 8 in., July .....	.25
E. glabellus,-lilac blue, 6-8 in., May-Nov.....	.25

ERINUS ALPINUS,—True alpine, rocky fissures, S-ssh, I-II, Dr, Lilac- prot. 2-3 in., summer .....



ERYSIMUM PULCHELLUM,—bright yellow, low, prostrate, May-July .....	.25
EUPHORBIA MYRSINITES,—for foliage ef- fect, procumbent, glaucous bluish green .....	.50
EUPHORBIA POLYCHROMA,—rich yellow bracts .....	.50
GENISTA SAGITTALIS,—bright yellow, 6 in., July to October, Sun, I gravelly.....	.35
GENTIANA,—A group most beautiful but not very easy. They are worth any effort how- ever and no true blue rock gardener will give up until he has made the gentians happy in his domain.	
G. acaulis,-var. angustifolia, deep sky blue large flowers. 3-4 in., Spring, a soil com- posed of good garden loam containing lime, stone chips and enriched with very old and very well decayed manure. Sun, drainage..	.50
G. asclepiadea,-blue, 20 in., summer and fall. It likes a cool, moist well drained humus soil, well mixed with crushed calcareous stone. Semishade, thin woods .....	.50
G. bavarica,-deep sky blue, 3 in., June, N. E. exposure, cool moist soil, Dr., ssh.....	.35
G. cruciata,-sky blue, 10 in., ssh, II, Li.....	.35
G. septemfida,-soft blue, 12 in., late summer, soil II-III, S-ssh .....	.35
G. verna,-Azure blue, 3-4 in., Mar.-April. Loam mixed with sand and chopped sphagnum. S-ssh, moist but not wet, cool.....	.35
GERANIUM ARGENTEUM, — A true rock variety. Delicate rose, foliage silver-gray, 3-4 in. May to Sept., S., I-II, Dr.....	.50
G. sanguineum,-carmine, 12 in., May-Nov.....	.35
GEUM HELDREICHI,—(BULGARICUM),— Bright orange, 8-12 in., June-Nov., CS, S., Dr. ....	.35
GLOBULARIA TRICHOSANTHA,-lilac blue, 8 in., June, S-ssh, Dr., CS, I-II .....	.35
GYPSOPHILA,—Real rock garden plants, all want lime in the soil, open sunny position perfect drainage, Soil I-II, easy.	
G. cerastioides,—delicate rose, 2 in., spring, one of the best .....	.50
G. repens,-white, 2 in., May-Oct. ....	.25
G. repens rosea, pinkish, similar to above .....	.35
HELIANTHEMUM,—Rock garden plants par excellence, Dwarf prostrate miniature shrubs with brilliantly colored flowers. All de- mand a very sunny position, gritty soil, lime, drainage and little else.	
H. alpestre,-yellow, 3-4 in., June-July.....	.35
H. hirtum,-yellow, 6-8 in., Jul.-Aug. ....	.35
H. lunulatum,-yellow, 10 in., July.....	.35
H. roseum,-light pink, 8 in., May.....	.35
H. purpureum,-bright pink, 6 in., June.....	.35
H. mutabile,-exquisite mixed pastel shades, 8 in., July-Oct., the best of all .....	.35



- HEPATICA TRILOBA,—Blue, 4-6 in., Mar.  
Apr. ssh-sh, II-III, gravelly, edges of woods... .35
- HEUCHERA SANGUINEA SPLENDENS,—  
Dense tufts of evergreen geranium-like or-  
namental foliage from which arise slender  
graceful 10 to 15 in. stems bearing many  
fiery coral red little bells. June-Nov. S-  
ssh, Dr., I-II-III alk., indispensable ..... .25
- HORMINUM PYRENAICUM,—From a flat  
rosette of ornamental foliage arise the 6-8  
in. stems bearing blue salvialike flowers.  
Leafmold lime, semishade, May-June..... .35
- HUTCHINSIA ALPINA,—Cushions of bright  
green beautiful foliage covered with many  
small white flowers from March to June  
3 to 4 in., high, cool I-II, lime..... .35
- HYPERICUM CORIS,—Light yellow, 3-4 in.,  
June-Nov., S, I-II, Dr., Protect. .... .35
- II YPERICUM FRAGILE,—Golden yellow  
trailing, 4-6 in., high, summer to fall, open  
sunny, I-II .....\$.35
- II. OLYMPICUM, — brilliant yellow, greyish  
green foliage, July to early fall, CS (I-II)  
Dr., open sunny, dry situation, 8-12 in..... .35
- H. POLYPHYLLUM,—yellow flowers all sum-  
mer, bluish grey foliage, prostrate, some-  
what spreading, 4-8 in. high, Sun, Dr., CS  
(I-11) ..... .35
- II. REPENS,—yellow, low, somewhat spread-  
ing cushions, 4-6 in., June-Nov., I-II, Dr.,  
Sunny ..... .35
- H. REPTANS,—Golden yellow, 4 in. carpeter,  
summer, CS (I-II), open, sunny Dr..... .35
- IBERIS SEMPERVIRENS,—Dazzling white  
flowers, 9-12 in., May-June, I-II al or ne,  
Sunny, perfect drainage, evergreen, excel-  
lent ..... .25
- I. SEMPERVIRENS "LITTLE GEM," like  
the preceding but only half as high..... .35
- INCARVILLEA DELAVAYI,—Carmine, 12 in.,  
June, Dr. sandy humus soil, S-ssh..... .25
- INULA ENSIFOLIA,—yellow, 6-12 in., June  
to Nov., Sandy loam, Sun, Dr..... .25
- IRIS PUMILA HYBRIDA,—various colored,  
dwarf Iris. CS., S-ssh, Dr., early spring, X..... .25
- JASIONE PERENNIS,—blue, 6-8 in., June to  
July, I-II, Sun, a warm niche, Dr. .... .25
- LEONTOPODIUM ALPINUM,—"EDEL-  
WEISS" famous alpine, Woolly white flow-  
ers and foliage, 6-9 in., early summer, pre-  
fers loam mixed with limestone chips, Sun,  
Dr. .... .35
- LINARIA ALPINA,—violet with orange, 3-4  
in., dwarf, fine between rocks, June-Oct.,  
I-II ..... .25
- LINUM ALPINUM,—light blue, 6-8 in., May  
to Nov., I-II Ne or al., Dr., Sunny..... .25

- L. CAMPANULATUM, — (FLAVUM), yellow,  
light soil, Sun, Dr., I-II ne or al., 12 in. .... .35
- L. narbonnense, — pure blue, 20 in., May to  
Oct., Sun, I-II, 'gravelly, Dr., Ne or Al. .... .35
- L. SALSOLOIDES, — light rose, 8 in., May to  
Nov., Dainty, I-II, Sun, Dr, Ne or al. .... .50
- LITHOSPERMUM GRAMINIFOLIUM, — az-  
ure blue, 9-12 in., June to Aug., II, ssh, walls .35
- L. PURPUREO-COERULEUM, — deep blue, 10  
in., May, II, warm, ssh, Dr., prot. .... .35
- LYCHNIS ALPINUS, — Rose, 4-5 in., May to  
July, I-II, sunny ..... .25
- L. LAGASCAE, — Carmine, 4-5 in., April to  
July, CS, Ne, full sun, PM. .... .35
- L. CHALCEDONICA, — scarlet, 24-36 in., II,  
June-Nov., full sun, Dr.\* ..... .25
- MAZUS RUGOSUS, — Lilac flowers w. orange  
spot, nice carpeter for cool moist porous  
soil, fine between stone flagging or steps,  
spring and summer, very low, spreading. .... .35
- MECONOPSIS CAMBRICA, — Welsh Poppy,  
yellow, 12-16 in., ssh, soil: equal pts rotted  
turf, peat moss, old leaf mold and lime-  
stone chips. Moist but not wet, Dr., dry  
in winter ..... .35
- M. WALLICHIANA, — lilac, 33 in. July. Cul-  
ture like preceding ..... .40
- MERTENSIA PRIMULOIDES, — deep gentian  
blue, 3 to 6 in., May-Aug., Ssh-sh, N-Ne., II-  
III, dwarf creeping, peaty, damp ..... .50
- M. VIRGINICA, — buds pink, fls. porcelain  
blue, 12-24 in., April-May, sh-ssh, rich damp  
humus soil, woods, disappears in June ..... .35
- MIMULUS LUTEUS, — Yellow, 20 in., May to  
Oct., S-ssh, moist, II-III, cool, porous, bogs. .35
- MYOSOTIS ALPESTRIS, — Azure blue, 5-8 in.,  
early spring, S-ssh, Soil II, not too dry. .... .25
- M. INDIGO COMPACTA, — improved form of  
above, deep indigo blue, plant very compact .35
- M. DISSITIFLORA, — Light blue, 6-12 in., earl-  
iest spring, S-ssh, C.S., not too dry ..... .25
- M. PALUSTRIS SEMPERFLORENS, — Azure  
blue with golden eye, all summer, moist,  
II-III, S-ssh ..... .25
- M. REHSTEINERI, — Sky blue, 1½ to 2 in.,  
early spring, S-ssh, moist, II-III, Dr. .... .45
- M. RUPICOLA, — Azure blue, 2-4 in., April-  
June, II-III, Dr., S-ssh, gritty soil exposed. .45
- M. SYLVATICA, — Varies, bluish pink to  
white, woodland conditions, soil III, s-ssh, Dr. .35
- NEPETA MUSSINI, — Lavender, 10-20 in., Apr.  
-June, sunny, well drained, C. S. well  
drained ..... .35

OENOTHERA MISSOURIENSIS, — Yellow, 8-10 in., July-Sept., sunny, good loam, Dr.....	.25
OROBUS VERNUS, —purple, 8-20 in., spring, sh-ssh, gritty II-III, Dr., woods .....	.25
PAPAVER ALPINUM, — White or Yellow, 4-8 in., June to Sept., meagre gritty soil, lime, exposed, sunny, moraine preferred.....	.35
P. ALPINUM, MIXED, —otherwise like above .....	.25
P. NUDICAULE, — saffron yellow, 10-16 in., spring to autumn, C.S., gritty, sunny, Dr....	.25
P. NUDICAULE, MIXED, beautiful hybrids, season, culture, etc. like preceding.....	.25
P. RUPIFRAGUM, —Apricot, up to 30 in., May to Nov., sunny, exposed, C.S., gritty, exposed .....	.45
PENSTEMON BARBATUM COCCINEUM, — Orange red, July to August, II-III, Dr., sunny, warm .....	.25
P. GLAUCUS, — violet or purple, 12-24 in., July, sunny, II-III, rather dry .....	.35
P. PUBESCENS, — Yellow w. lilac, 16 in., midsummer, sunny, warm, II-III, Dr.....	.35
P. PUBESCENS PYGMAEUS, —dwarfer form .....	.35
PHLOX DOUGLASI, —Lilac, 4 in., May-June, warm, sunny well drained position.....	.50
P. PILOSA, —Pale rose, 12-14 in., June, sunny, good garden loam, cool, not too dry, P.M....	.50
PHYTEUMA COMOSUM, —Dark blue, 3-4 in., June-July, eastern exposure, 2/3 rotted turf, 1/3 crushed limestone, moraine, walls.....	.50
P. SCHEUCHZERI, — Lilac, blue, 6-10 in., June-July, sun to ssh, gritty, I-II, walls .....	.50
PLATYCODON MARIESI GRANDIFLORUM, —Blue, 12 in., July-Aug., S-ssh, II, gritty, not too dry .....	.25
POLEMONIUM HUMILE, —Light blue, 8-12 in., June, II-III, Dr., sun, not too dry.....	.25
P. REPTANS, —Blue, 8 in., May-June, sunny, II-III, not too dry, Dr.....	.35
P. RICHARDSONI, — Bright blue, nice foliage, 24 in., May-June, sunny, II-III.....	.15
POTENTILIA NEPALENSIS "MISS WILL-MOTT"—Rose, 12 in. May to Nov., II-III, Dr., grit .....	.25
P. NITIDA, —Peach or pink, 2 in., silver grey foliage, May to July, sunny, carpeter, I al....	.35
P. VERNA, —Golden yellow, very low, spring, C.S., walls, sunny, Dr., spready.....	.45

## PRIMULA

The primroses are not grown as much as they should. As a general rule, they want a deep soil consisting of about one-third leaf mould or humus, one-third good garden loam and one-

third sand. Drainage must be perfect. An exposure to the east so as to give protection against the midday sun is essential. The soil should be moist but never wet. Avoid water lodging around the crown and protect in winter with hardwood leaves of evergreen boughs. The Primulas of the Auricula group appreciate a soil a bit more gritty and generally are lime lovers. They also can stand more sun if soil is cool.

PRIMULA ACAULIS,—Pale yellow, 2-6 in., earliest spring, ssh, II-III, cool.....	.45
P. ACAULIS (VERIS COERULEA, — Blue, new, otherwise like preceding.....	1.00
P. ACAULIS,—Beautiful mixed colored hy- brids, otherwise like Acaulis.....	.35
P. AURICULA,—Golden yellow, 4 to 8 in., spring, (Auricula group, see above) lime .	.35
P. AURICULA HYBRIDA GIGANTEA,—An exceptionally fine strain of very large flowered Auriculas in beautiful mixed col- ors and exquisitely scented .....	.65
P. BULLESIANA,—Mixed colors, ssh, III.....	.35
P. BULLEYANA,—Orange, 12-30 in., May to midsummer, cool moist II-III .....	.35
P. CASHMIRIANA, — Lilac, 12-18 in., early spring, ssh, III, not too dry.....	.50
P. CASHMIRIANA ALBA,—White form .....	.75
P. CASHMIRIANA "RUBY",—Ruby red.....	.85
P. COCKBURNEANA,—Vermillion, 8-10 in., May to July, III, loamy, peaty .....	1.00
P. CONSPERSA,—Pink, April, ssh, III.....	.50
P. CORTUSOIDES, — Rose, 8-12 in., spring, III .....	.35
P. DENTICULATA,—Lilac, spring, 12 in., III..	.45
P. DENTICULATA, ALBA,—White form .....	.45
P. ELATIOR,—Oxlip, Yellow, charming ...	.45
P. FARINOSA,—Lilac, 4-10 in., May-June.....	.35
P. FRONDOSA, Pink, 4-8 in., spring .....	.75
PRIMULA GLAUDESCENS, (CALICYNA), Rosy lilac, 4-6 in., spring, III, cool.....	.25
P. JAPONICA, Red to crimson shades, 10 in., May to Nov., cool, III, porous, ssh....	.35
P. MARGINATA, — Auricul, group, lavender, 3-8 in., March to May, peaty, no lime .....	.50
P. MINIMA,—Violet, 2 in., March to June, culture like auricula, but no lime .....	.50
P. PARRYI,—Carmine, 6-8 in., May, ssh, III, cool, moist, peaty, no lime .....	.50
P. OFFICINALIS,—Lemon yellow, 6-10 in., early spring, S-ssh, pastures, nice .....	.25



P. PUBESCENS ALBA,—White, 4 in., spring, a hybrid between auricula and hirsuta.....	.50
P. PULVERULENTA, — Carmine, 12-24 in., May to July, Ssh, III, cool, moist.....	.25
P. ROSEA—Rosy red, 4-6 in., April-May, ssh, III, spongy, cool, moist .....	.40
P. SIEBOLDI,—Bright carmine, 8-10 in., May- June, half shade, III, loam, peat.....	.50
P. SIKKIMENSIS,—Bright yellow, 10-24 in., May to July, S-ssh, II with stone chips.....	.35
P. VERIS ELATIOR HYBRIDA,—See Pri- mula acaulis, hybrids .....	.
P. VERIS DUPLEX,—Hose in Hose, other- wise like Pr. acaulis .....	.65
P. VERIS "GOLD LACED,"—Type acaulis.....	.45
P. VULGARIS,—The true yellow Primrose, 3 to 6 in., early spring, III, cool, moist.....	.25
P. WULFENIANA,—Carmine, 2 in., April, N to Ne exp., II, gritty, cool, ssh, .....	.50
PRUNELLA GRANDIFLORA,—Lilac, 4 to 6 in., June-Oct., S-ssh, II, not too dry.....	.25
P. WEBBIANA,—Lilac, 4 to 6 in., June to Oct., sun to ssh, creeping, II, light soil.....	.35
RAMONDIA PYRENAICA, (MYCONI),—Li- lac, 3 to 4 in., June-July, No., Shade, III....	.50
R. PYRENAICA ALBA,—Like the preceding but with white flowers.....	.65
RANUNCULUS AMPLEXICAULIS,—White, 6- 10 in., April to June, Sun-ssh, II-III, damp.....	.50
R. MONTANUS,—Bright yellow, 3-6 in., April- May, S-ssh, II-III, gritty, humus .....	.50
RHODODENDRON CHAMAECISTUS,—Pink, 8 to 10 in., June-July, S-ssh, III, "limestone" .....	.35
R. FERRUGINEUM,—Purple 24-36 in., June to July, S-ssh, Peat, leaf mould and sand, damp .....	.35
R. HIRSUTUM,—Rose, 20-36 in., June to Aug., III w. limestone chips, stony, S-ssh.....	.35
R. INTERMEDIUM, — Deep rose, 24-36 in., June-July, S-ssh, III, not too dry.....	.35
R. KOTSCHYI,—Carmine, 10-20 in., June-July, ssh, III, not too dry, cool.....	.50
RUTA PATAVINA, — Yellow, 8-12 in., all summer, Sunny, I, light sandy.....	.50
SAGINA PROCUMBENS,—White, very dwarf carpets, summer, sun, I-II, sand and peat.....	.50
S. SUBULATA,—White, 1/3 - 1 in., carpeter, June-Aug., S., L-II, not too dry.....	.50
S. SUBULATA AUREA,—Yellow leaved .....	.50
SALVIA AZUREA,—Sky blue, 36-48 in., Aug. to Nov., sunny, II, C.S.....	.50

S. PRATENSIS,—Blue, 12-24 in., June to November, C.S., S-ssh .....	.25
SANGUINARIA CANADENSIS, — White, 6-8 in., April-May, deep woods, soil, shade .....	.50
SAPONARIA CAESPITOSA,—Rose, 3-4 in., June-July, sunny, I-II, Rock Fissures.....	.35
S. OCYMOIDES,—Rose or pink, 4-10 in., April to July, sunny, dry, II, gritty .....	.15
SANTOLINA CHAMAECYPARISSUS, — Yellow, 14 in., July-Aug., Sunny, dry, I-II, gritty .....	.25
SATUREYA MONTANA,—Lilac, 8 to 16 in., July-Nov., Sun, I, gritty, dry, hot.....	.25
S. PYGMAEA,—Lilac or violet, 4 to 6 in., June-Sept., Sun, meagre, rocky soil, dry.....	.35
SAXIFRAGA AIZOON,—White, 8-16 in., May to June, S-ssh, I-II, lime, gritty, cool.....	.35
S. AIZOIDES,—Yellow, 3 to 4 in., June to July, S-ssh, II-III, cool, damp .....	.35
S. APICULATA,—Pale yellow, 2½ to 4 in., March-Apr., NE exp., I-II, moraine.....	.50
S. COCHLEARIS,—White, 6 to 8 in., May to July, sunny, I-II, lime, gritty, stony.....	.40
S. CORDIFOLIA,—Bright flesh rose, 12 in., March-May, half shade, good loam, III.....	.60
S. COTYLEDON,—White, red stems, 16 to 24 in., May-July, NE exp., S-ssh, I-II sphagnum .....	.50
S. COTYLEDON x AIZOON,—A hybrid, similar to preceding, same culture .....	.50
S. COTYLEDON PYRAMIDALIS,—A garden form very similar to Aizoon, taller.....	.50
S. CRUSTATA,—Creamy white, 8 in., June to July, S-ssh, gritty, I. Rock fissures.....	.35
S. DECIPIENS, — "Bathoniensis," a mossy saxifrage, bright rosy scarlet, May to June, 4-6 in., S-ssh, II, humus, not too dry.....	.35
S. DECIPIENS GRANDIFLORA HYBRIDA, —Like preceding, many fine shades .....	.35
S. ENCRUSTED VARIETIES MIXED .....	.50
S. HOSTII,—White, 12-20 in., May-June sunny, light soil, I-II, Walls .....	.50
S. LONGIFOLIA,—White, 12 to 20 in., June to August, ssh to shade, I-II, cool, moist.....	.50
S. McNABIANA,—A hybrid between Cotyledon and lingulata,—not too dry, fissures .....	.50
S. MUSCOIDES,—Yellowish white, 2 in., April to May, soil II, sphagnum, moraine .....	.35
S. OPPOSITIFOLIA,—Carmine, 1 to 1½ in., March-April, NE exp., S-ssh, II, damp .....	.50
S. RHEI SUPERBA,—Delicate rose, 3 to 6 in., April to June, S-ssh, cool, porous, II-III .....	.35

SCABIOSA CAUCASICA,—Bright lilac, 20 to 30 in., all summer, S-ssh, I-II, light, dry.....	.25
SCUTELLARIA ALPINA,—Lilac, 6 in., all summer, sunny, stony, dry, I-II.....	.35

## SEDUM

The Sedums are among the best Rock Garden plants. They ask for little in the way of soil or care, their main requirements being a light, well drained, gritty, stony soil and an exposed, open sunny position.

SEDUM ACRE,—Yellow, 2 to 3 in. summer .....	\$.25
S. AIZOON,—Yellow, 10 to 16 in., summer.....	.25
S. ALBUM,—White or pink, 4 to 5 in., summer .....	.35
S. ANGLICUM,—Very choice, low, mossy, 2 in., May-June, very sunny .....	.35
S. BORDEREI,—Purple 8 to 12 in., broad leaves, Aug.-Sept., very sunny, I-II.....	.35
S. CORSICUM,—White, 2 in., July, very sunny meagre gritty soil .....	.50
S. DASIPHYLLUM,—Pinkish white, 2 to 3 in., glaucous foliage, June-Sept., lime, S, I-II .....	.25
S. EWERSII,—Dark rose, 4-6 in., July to Nov., Sun, I-II, gritty .....	.35
S. KAMTSCHATTICUM,—Yellow, 6 to 12 in., July to Nov., I-II, gritty, sunny.....	.35
S. LYDIUM,—Rose, 3 in., July-Aug. ....	.35
S. MAXIMOVICZI,—Same as Aizoon.....	.
S. MAXIMUM,—Yellow, 18 in., July-Nov.....	.25
S. MIDDENDORFFIANUM,—Yellow, 4 to 6 in., July, creeping, I-II, sunny dry.....	.50
S. PILOSUM,—(Biennial) rose, May, fine.....	.35
S. REFLEXUM,—Yellow, 4 to 6 in., June to Nov., creeping, carpeting .....	.25
S. RUPESTRE,—Very similar to preceding, foliage more glaucous and more compact.....	.35
S. SARMENTOSUM,—Yellow, 4 in., June-July .....	.60
S. SIEBOLDI,—Rose, 4-10 in., Fall.....	.60
S. SPECTABILE,—Rose to purple, 12 to 20 in., Sept. to Oct. I-II, C.S., very sunny.....	.25
S. SPURIUM COCCINEUM, (OPPOSITIFOLIUM),—Rosy purple, 4 to 6 in., creeping, C.S. ....	.25
S. TELEPHIUM,—Rose, 12 to 24 in., July-Oct. ....	.25
S. TERNATUM,—White, 4 in., June, sl. moist .....	.25

## SEMPERVIVUM

The Sempervivums like the Sedums are indispensable furnishings for the rockery and their culture is the same except that a few are exacting as to soil reaction.

SEMPERVIVUM ALPINUM, —Rose .....	\$.25
S. ARACHNOIDEUM, —Ruby, May to August, small reddish rosettes covered with webb. ....	.35
S. ATROVIOLACEUM, —Reddish flowers ....	.35
S. COMOLLI .....	.45
S. FAUCONETTI, —Rose, July .....	.50
S. FUNCKII, — Purple red, June-July, no lime .....	.50
S. GAUDINI, —Yellow, May-June .....	.35
S. GLAUCUM, — Reddish .....	.25
S. GLOBIFERUM, —Yellow .....	.50
S. HIRTUM, —Pale yellow .....	.50
S. LAGGERI, —Similar to arachnoideum.....	.35
S. PATENS, —Yellow .....	.25
SEMPERVIVUM RUBICUNDUM, —Deep rose .....	.50
S. SCHOTTII, —Reddish .....	.25
S. TECTORUM, —Rosy, July-August.....	.35
S. TRISTE, —Red .....	.35
S. WULFENII .....	.35
SENECIO ABROTANIFOLIUS, —Orange red, 10-12 in., May-July, sunny, I-II, gritty.....	.25
S. TYROLENSIS, —Orange red, June, sunny, II-I, well drained, gritty.....	.25
SILENE ACAULIS, — Bright pink, 1-2 in., April-June, sunny, cool, moist, no lime.....	.25
S. ALPESTRIS, —White, 4-6 in., April to July, semi-shade, C.S., not too dry .....	.25
S. HOOKERI, —Light pink, June, sunny, one- third loam, one-third sand, one-third peat moss .....	.50
S. PUMILIO, —Carmine, 1½-3 in., May to July, sunny, N-NE exp., dry at root collar.....	.50
S. SAXIFRAGA, — Very pale pink, 4-6 in., June to August, sunny, I, dry .....	.30
S. SCHAFTA, —Rose, bright carmine, 4 in., July-August, sunny, I-II, well drained.....	.25
SISYRINCHIUM ANCEPS, — Violet, 4-8 in., May-June, Sun-ssh, light, rather moist soil.....	.25
SOLDANELIA ALPINA, —Lilac, 3 to 4 in., March-April, S-ssh, moist, sphagnum .....	.30
SYMPHIANDBRA HOFMANNI, —8-12 in., June to Sept., Sunny, I-II gritty, rocky .....	.25
SYNTHIRIS RENIFORME, —Pale violet, 5-6 in., April-May, ssh-shade, II-III, cool, moist. ....	.50
TELEKIA SPECIOSA, — Yellow, May-July, shady situation, deep leaf soil .....	.25



TEUCRIUM CHAMAEDRYS,—Rosy red, 6-10 in., July to November, dry barren soil, I-II .....	.45
T. PYRENAICUM,—Whitish yellow, 2-3½ in., June-Sept., sunny, I-II, gritty, dry.....	.50
THALICTRUM ADIANTIFOLIUM,—Greenish, 6 in., July, ssh-shade, good cool loam, stony .....	.25
T <sup>l</sup> . AQUILEGIFOLIUM,—Lilac, 36 in., April-May, sun-ssh, stony humus soil, dampish .....	.25
T. MINUS,—Reddish green, 6 in. June, shade to ssh, woodland soil, not too dry.....	.25
THLASPI ALPINUM,—White, 6 in., April to June, Sunny, N-NE exposure, I-II, gritty.....	.30
T <sup>l</sup> . ROTUNDIFOLIUM,—Pinkish lilac, 2-4 in., April-July, sunny, rock debris, I-II .....	.45
T. STYLOSUM,—Rosy lilac, 1½-2 in., early spring, open, sunny. I-II, rock debris.....	.25
THYMUS AZORICUS,—Rose, 4 in., July to August, sun, meagre, dry soil.....	.35
T. NITIDUS,—Rose, 4 in., July, meagre gritty dry soil, sunny, well drained .....	.35
T <sup>l</sup> . NUMMULARIFOLIUS,—Meagre gritty soil .....	.50
T. SERPYLLUM CARNEUS,—Meagre gritty soil .....	.25
T. SERPYLLUM COCCINEUS,—Meagre gritty soil .....	.25
T. SERPYLLUM ODORATUS,—Meagre gritty soil .....	.25
T. VULGARIS,—Common thyme, very nice.....	.25
TIARELLA CORDIFOLIA,—Whitish, 6-12 in., May-June, shade, cool, III, porous soil.....	.50
TROLLIUS CAUCASICUS "ORANGE GLOBE",—Bright Orange Yellow, 16 in., April to June, sunny, II-III, cool moist, porous .....	.35
T. EUROPÆUS, — Yellow, 24 in., April-June, sunny, II-III, damp, bogs, marshes....	.25
T. LEDEBOURI,—Yellow, 16 in., June, sunny, II-III, damp, bogs, marshes.....	.60
T <sup>l</sup> . PUMILUS,—Bright yellow, 4-10 in., April-May, sunny, II-III, damp, bogs.....	.35
TUNICA SAXIFRAGA,—Pale rose, 6-10 in., May to Sept., sunny, I, dry barren, soil.....	.15
VALERIANA MONTANA,—Light pink, 16 in. 24 in., May to August, sun to ssh, limestone .....	.35
V. SUPINA,—White, or pale lilac, May to July, sun, ssh, limestone debris, II-III, dry .....	.50
VERONICA APHYLLA,—Blue, 2-4 in., May to July, good ordinary garden loam.....	.25
V. CHAMAEDRYS,—Azure blue, 12 in., June to October, sunny, good garden soil .....	.50

V. GENTIANOIDES,—12-16 in., June to Oct., sunny, good garden soil .....	.35
V. INCANA,—Blue, 10 to 16 in., June to Oct. good garden soil, II, sunny .....	.35
V. MULTIFIDA,—Lilac blue, 4 in., June to October, sunny, good garden soil .....	.35
V. PROSTRATA,—Blue 3-4 in., May to June, sunny, good garden soil .....	.25
V. REPENS,—Porcelain blue, very low car- pet, II, sunny, May to July.....	.25
V. RUPESTRIS,—Blue, 4-8 in., June to Aug., sunny, good garden soil, II.....	.35
V. SATUREIOIDES,—Deep blue, 2-4 in., May to July, sunny, II, meagre soil.....	.35
V. SAXATILIS,—Deep blue, 3-4 in., May to July, sunny, peaty humus soil .....	.25
V. TEUCRIUM "ROYAL BLUE",—8-16 in., May to June, II, sunny .....	.25
VIOLA BOSNIACA,—Magenta carmine, 4 in., April to Oct., sunny, good garden soil.....	.45
V. CALCARATA,—Lilac to white, 4 in., Mar. to June one-half limestone debris, one-half peaty soil .....	.50
V. CORNUTA "PAPILIO",—Lilac and white, 6 to 8 in., S-ssh, May to Sept., C.S.....	.25
V. CORNUTA "G. WERMIG" beautiful li- lac, May to Oct., very good, II-III, dampish	.35
V. CORNUTA, finest mixed .....	.25
V. GRACILIS,—Violet purple, 3-4 in., April to Aug. s-ssh, good garden soil .....	.35
V. GRACILIS,—"Lord Nelson," .....	.40
V. GRACILIS "PURPLE ROBE",— .....	.35
V. LUTEA,—Yellow, May to Oct., sunny, moist stony pasture conditions, 4-8 in.....	.25
V. ODORATA,—The sweet Violet of Gardens	.30
WULFENIA CARINTHIACA,—Deep blue nod- ding bells, 8 in., June-July, N-NE exp., moist, shady, peaty damp soil, drainage, interesting .....	.35

#### MISCELLANEOUS FLOWER SEEDS

These flower seeds are supplied in colored packets with descriptions and cultural directions. Packets 10 cents each.

AGERATUM,—Blue Perfection.

ASTER,—Crego, Giant mixed.

ASTER,—Giant Branching mixed.

BABY'S BREATH,—Annual.

BALSAM,—Double mixed.

BLUE LACE FLOWER.  
 CALENDULA,—Orange Shaggy.  
 CALENDULA,—Sunshine.  
 CALENDULA,—Double Mixed.  
 CALIFORNIA POPPIES,—Sunset, mixed.  
 CALLIOPSIS,—Mixed.  
 CANDYTUFT,—Umbellata, mixed.  
 CANTERBURY BELLS,—Annual mixed.  
 CARNATION, Marguerite, mixed.  
 CHRYSANTHEMUM,—Single annual mixed.  
 CHRYSANTHEMUM,—Double, annual mixed.  
 COREOPSIS,—Mixed.  
 CORN FLOWERS—Double mixed.  
 COSMOS,—Early, mixed.  
 DIANTHUS,—Annual, single and double mixed.  
 FOUR O'CLOCKS,—Tall mixed.  
 FOXGLOVE,—Finest mixed.  
 GAILLARDIA,—Annual, single mixed.  
 GAILLARDIA,—Annual, double mixed.  
 HOLLYHOCKS,—Finest double mixed.  
 LARKSPUR,—Tall double mixed.  
 LUPINES,—Annual mixed.  
 MARIGOLD,—Tall African mixed, double.  
 MARIGOLD,—French, dwarf, double, mixed.  
 MORNING GLORY,—Tall mixed.  
 NASTURTIUM,—Golden gleam.  
 NASTURTIUM,—Dwarf, finest mixed.  
 NASTURTIUM,—Tall, finest mixed.  
 ORIENTAL POPPIES,—Mixed.  
 PETUNIA,—Finest mixed hybrids.  
 PHLOX DRUMMONDI,—Finest mixed.  
 PORTULACA,—Finest single mixed.  
 PORTULACA,—Finest double mixed.  
 SCABIOSA,—Tall double mixed.  
 SCARLET SAGE,—  
 SHIRLEY POPPIES,—Finest mixed.  
 SNAPDRAGON,—Half dwarf, mixed.  
 SNAPDRAGON,—Giant, mixed.  
 STOCKS,—Dwarf Ten Weeks, mixed.  
 SWEET ALYSSUM,—  
 SWEET PEAS,—Burpees Finest mixed.

SWEET WILLIAMS,—Single mixed  
 SWEET' WILLIAMS,—Double mixed.  
 VERBENA,—Giant mixed.  
 ZINNIA,—Dahlia Flowered mixed  
 ZINNIA,—Giant Mammoth, mixed.  
 ZINNIA,—Lilliput, mixed.

### EVERBEARING STRAWBERRY "ELSBETH"

A new variety of Everbearing Strawberry, making no runners and bearing the first season from seed if sown by April a fine crop of delicious berries resembling wild strawberries in great abundance. Something worth trying, per packet—25 cents.

## A FEW OF OUR OTHER SPECIALTIES

### PANSY "CLIMAX"

A superb strain of beautifully colored and giant flowered Pansies, the flowers ruffled so as to give them the appearance of being double. Packet—35 cents; 1/32 ounce—\$1.45.

### DELPHINIUM HYBRIDUM "PEEBEE"

A magnificent strain of Hybrid Delphiniums with an exceptionally wide range of colors. Very resistant to Mildew and the strong rigid stems prevent damage from rain and wind. Packet—50 cents; 1/32 oz.....\$1.25.

### BELLIS PERENNIS MONSTROSA

A giant flowered English Daisy of a great variety of colors and the individual blossoms very large and very double. Packet—25 cents.

## SPECIALTIES OF OTHER GROWERS

### BURPEE'S NEW DOUBLE HYBRID

NASTURTIUMS,—packet of 30 seeds 25c  
 150 seeds \$1.00

### BURPEE'S SCARLET GLEAM

NASTURTIUM,—Packet 25 cents.

### BURPEE'S COLLECTIONS

GIANT ZINNIAS,—Four varieties .....	.10
GIANT' CREGO ASTERS,—Six varieties .....	.50
GIANT CALENDULAS,—Five varieties .....	.50
DOUBLE ANNUAL LARKSPURS—Six varieties .....	.50
DWARF NASTURTIUMS,—Four varieties .....	.25
BEDDING PETUNIAS,—Five varieties .....	.50
PHLOX,—Annual, six varieties .....	.50
GIANT SNAPDRAGONS,—Six varieties .....	.50
SWEET PEAS,—Six finest varieties .....	.50
SWEET' PEAS,—Eight new varieties .....	.75



## A FEW CHOICE VEGETABLE SEEDS

	Pkt.	oz.	4 ozs.	lb.
BEANS—Bush				
Bountiful, green pod .....	.10		.15	.40
Stringless, green pod .....	.10		.15	.40
Surecrop Stringless Wax .....	.10		.15	.40
Brittle Wax .....	.10		.15	.40
Lima, Burpee's Fordhook .....	.10		.15	.40
BEET,—Crosby's Egyptian .....	.10	.15	.45	1.10
Detroit Dark Red .....	.10	.20	.50	1.25
BRUSSEL SPROUTS, L. I. Imp .....	.10	.30	.85	2.25
CABBAGE, Burpees Surehead .....	.10	.30	.85	2.25
Copenhagen Market .....	.10	.35	.95	2.85
Early Jersey Wakefield .....	.10	.30	.85	2.25
Mammoth Rock Red .....	.10	.30	.90	2.50
Savoy, Perf, Drumhead .....	.10	.30	.85	2.25
CARROT,—Chantenay .....	.10	.20	.50	1.25
Danvers Half Long .....	.10	.20	.50	1.25
CAULIFLOWER,—Snowball .....	.20	2.50		
CELERY,—Gold. Self Blan. ....	.10	.45	1.35	4.50
SWEET' CORN,—Gold. Bantam .....	.10		.15	.45
Country Gentleman .....	.10		.15	.50
Stowell's Evergreen .....	.10		.15	.45
CUCUMBER, White Spine .....	.10	.30	.85	2.25
EGG PLANT', Black Beauty .....	.10	.40	1.20	4.00
ENDIVE,—Green Curled .....	.10	.20	.50	1.25
KALE, dwarf green curled .....	.10	.15	.40	1.00
KOHLRABI,—White Vienna .....	.10	.20	.65	1.75
LEEK,—Broad London .....	.10	.30	.85	2.25
LETTUCE, BIG BOSTON .....	.10	.20	.50	1.25
Black Seeded Simpson .....	.10	.20	.50	1.25
Cos, Dwarf White Heart .....	.10	.20	.50	1.25
New York Improved .....	.10	.25	.70	1.85
MUSKMELON, Emerald Gem .....	.10	.15	.40	1.00
Fordhook .....	.10	.20	.50	1.25
Netted Gem (Rocky Ford) .....	.10	.15	.40	1.00
ONION, Prizetaker, Yellow .....	.10	.30	.90	2.50
Southport Yellow Globe .....	.10	.40	1.15	3.75
Southport White Globe .....	.10	.45	1.25	4.25
PARSLEY, Finest Curled .....	.10	.15	.40	1.00
PARSNIP,—Guernsey .....	.10	.15	.30	.85
PEAS,—Blue Bantam, Marrow .....	.10			.50
Telephone, Dark Podded .....	.10			.40
PEPPER,—Ruby King .....	.10	.35	1.00	3.00
PUMPKIN,—Big Tom .....	.10	.15	.25	.65
RADISH,—Scarlet Globe .....	.10	.15	.30	.80
White Icicle .....	.10	.15	.30	.85
SPINACH,—Long Standing .....	.10	.15	.25	.50
Princess Juliana .....	.10	.15	.20	.45
SQUASH, early white bush .....	.10	.15	.40	1.00
True Hubbard .....	.10	.20	.50	1.25
SWISS CHARD,—Lukullus .....	.10	.15	.40	.90
TOMATO, Marglobe .....	.10	.40	1.15	3.50
SCARLET' TOPPER .....	.10	.45	1.35	4.50
TURNIP,—Early Milan .....	.10	.15	.30	.85
Purple Top White Globe .....	.10	.15	.30	.75
WATERMELON,—Fordhook				
early .....	.10	.15	.30	.75
Kleckley Sweets .....	.10	.15	.40	1.00

## OUR SPECIAL

### ROCK GARDEN COLLECTION No. 1

One packet each:

Alyssum Saxatile compactum .....	\$.15
Aquilegia Alpina atrocoerulea .....	.25
Arabis Alpina .....	.15
Armeria Formosa Hybrida .....	.15
Campanula Carpathica .....	.15
Dianthus Deltoides Splendens .....	.25
Delphinium Chinense pumilum coeruleum .....	.15
Linum perenne .....	.15
Polemonium Richardsoni .....	.15
Saponaria Ocymoides .....	.15
Tunica Saxifraga .....	.15
Viola Cornuta "Papilio" .....	.25

Entire Collection Postage Paid for \$1

### ROCK GARDEN COLLECTION No. 2

Antirrhinum Asarina .....	.25
Achillea Tomentosa .....	.25
Aubrietia Eyrei .....	.25
Heuchera Sanguinea splendens .....	.25
Iberis sempervirens "Little Gem" .....	.35
Armeria Lauchiana .....	.25
Gypsophila repens .....	.25
Aster Alpinus .....	.25
Erysimum Pulchellum .....	.25
Sedum Anglicum .....	.35
Dianthus Caesius grandiflorus .....	.25

Collection comprising the above eleven  
varieties for \$2. Postage paid